

STATE OF LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
LOCATION REPORTName of Highway US 90 Project no. H. 004932Parish SAINT MARY Official Route Number US 90Survey by SJB GROUP, LLC Date 10/21/13 - 5/19/14

These questions can be answered by Party Chief making the survey, and to be submitted by him to the Location and Survey Engineer with survey notes, profiles, and other data

1. Give brief description of survey: Where it begins and ends, the country traversed, and length of survey.  
If alternate lines were run, give a brief description of each and state which line is recommended. Use pg. 4 to answer this question.
2. Are all field books numbered and pages numbered? YES
3. What books contain the notes on this survey? Level book no's. 201-603 Transit book no's. 201-423
4. Is there an "INDEX" on the front page of each book showing (a) Parish in which Highway was surveyed; (b) the name of the Highway, station numbers of the beginning and ending of survey; (c) Length in feet and miles, when and by whom made, etc.? YES
5. Where transit, level, and cross-section notes are recorded in one book, are they so indexed as to show clearly which transit, level, and cross-section notes are to be used in conjunction? YES
6. Where more than one book is used to record transit, level, and cross-section notes, they are indexed and cross indexed, giving number of book and page where notes are continued or are to be used in conjunction? YES
7. Are the columns in field booke headed-station, angle, calculated course, magnetic course, B.S., H.I., F.S., elevation, etc.? N/A
8. Was a true meridian established from which the true courses were calculated? No
9. What declination was found or used? NONE
10. Were courses of all tangents checked by magnetic needle? No
11. Has the angle at each P.I. been turned at least twice with total and average angle being recorded? No
12. Are the functions solved and shown for all curves; P.C., L.C., P.T., P.I., degree of curve, deflection angle, tangent distance and radius of curve? No

13. Where land ties taken to section corner from each point where highway intersected section line, or a sufficient number of ties taken to plot the section lines accurately with reference to center line of highway? No
14. Are all long or short stations and equations noted in transit, level, and cross section books? N/A
15. Is the topography plotted to scale in transit book? No  
(NOTE: This scale should be 1"= 100', both along center line and perpendicular to it.)
16. Is all topography within 200 ft. right and left of center line clearly shown? No (LIMITS VARY)
17. Does topography show fence lines, property lines, and property owners? No PROPERTY LINES OR OWNERS
18. Are all existing bridges and culverts shown in plan and profile in the transit and level books? No  
Is there a ravine section at left and right edge of bridge for all existing bridges? N/A
19. Do the notes contain sufficient information on existing structures to remain in place to enable them to be clearly drawn and described on the plans, and capacity determined? YES
20. What level datum was used? NAVD 88 GEOID 2012A FROM OPUS IN US FEET
21. Were levels tied to an accurate line of B.M.'s at each end of survey? No  
If not, were check levels run? YES
22. Has field project been made? N/A Does it show; ground line along center line? N/A  
Proposed grade of sub-grade? N/A Recommended sizes of culverts and bridges required? N/A  
Drainage areas and invert elevations for all culverts? YES Drainage areas, elevation high and low  
water for all bridges and drainage structures YES
23. Have the railroads and sidings where material can be delivered for the project been located, also capacity of each spur? NONE
24. Does topography show where clearing and grubbing will be required -- say within 100 ft. right- of-way? Yes
25. Have any curves less than a 500 ft. radius? YES
26. Are there any railroad crossings? No How many and what kind (grade, overhead and underpass)? N/A tied to nearest RR Mile Post? N/A  
Profile along RR 1000' on each side? N/A
27. Where channel changes are to be made have they been indicated in the notes so that approximate yardage can be determined and weather yardage should be used in roadway embankment or wasted on canal banks? N/A

28. Have all bearings of tangents, functions of curves, and level notes been checked? YES
29. Have cross-sections been taken? No
- (Where ground is apparently level, these readings should be taken; one at center and one at 60 ft, min. each side of center)
30. Has the direction of flow been indicated for all drainage? YES
31. Does the field profile show vertical curves or indicate that they are to be put in the office? No
32. Does the survey cross any navigable streams? No
33. If movable bridges are anticipated, has depth for fresh water wells been noted? N/A
34. Evidence of drift at bridges? ☐ Heavy: ☐ Light: ☒ None:
35. Evidence of scour at bridges? ☐ Heavy: ☐ Light: ☒ None:
36. Evidence of stream velocities? ☐ High: ☒ Normal: ☐ Low: ☐ Tidal:
37. Does District Construction Engineer recommend U.S.G.S stream report? N/A
38. Has existing bridge been a maintenance problem due to Drift accumulation under bridge? N/A  
If answer is yes to above, what min. length span does district recommend? \_\_\_\_\_
39. Have any bridges been located on curves or grades? No
40. Where the location is near an existing embankment which permanent drainage structures are provided, do the notes show the sizes of those structures? YES
- Area of opening below high water elevation for bridges? YES
41. Structure report form no. 1088 are to be filled out in detail and submitted with survey.
42. Has layout and drainage map been prepared? YES
43. Have all utilities, gas lines, water lines, sewer lines, power lines, etc., been accurately tied to center lines so they may be plotted? YES
44. Have all vertical control monuments such as U.S.G., & G.S., U.S.G.S., L.G.S. been tied in to center-line? YES VIA GPS OBSERVATIONS